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Attorney Docket 920584-906030

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TOTAL NUMBER OF PAGES INCLUDING COVER PAGE: 14

TO: **Commissioner for Patents -**

ATTN **Examiner: Juan A. Torres**

MAIL STOP

Attached: **Response to Office Action of June 1, 2005**

If you do not receive all pages, please contact William M. Lee, Jr. at (312) 214-4800 or his assistant, Minnie Wilson at (312) 214-4829.

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I hereby certify that this paper for Patent No. 10/032,419 is being facsimile transmitted to the Patent and Trademark Office, (571)273-8300 on the date shown below.

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NO. 952 P. 2

920584-906030

AUG 25 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE THE APPLICATION OF HUDSON ET AL.

SERIAL NO. 10/032,419

FILED: December 21, 2001

FOR: Methods and apparatus for transmitting
an receiving data over a communications
network in the presence of noise

)
) Examiner: Torres, Juan A.
)
) Group Art Unit No. 2631
)
) Customer No. 23644
)
)

I hereby certify that this correspondence is being
transmitted to the above - identified Examiner at the
United States Patent and Trademark Office 571-273-8300 on
August 25, 2005.

Name of person signing: Minnie Wilson
Signature: Minnie Wilson

RESPONSE TO OFFICE ACTION OF JUNE 1, 2005

Honorable Director of Patents and Trademarks
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action of June 1, 2005, it is requested that the application be
amended as follows:

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